

FIGURE 1

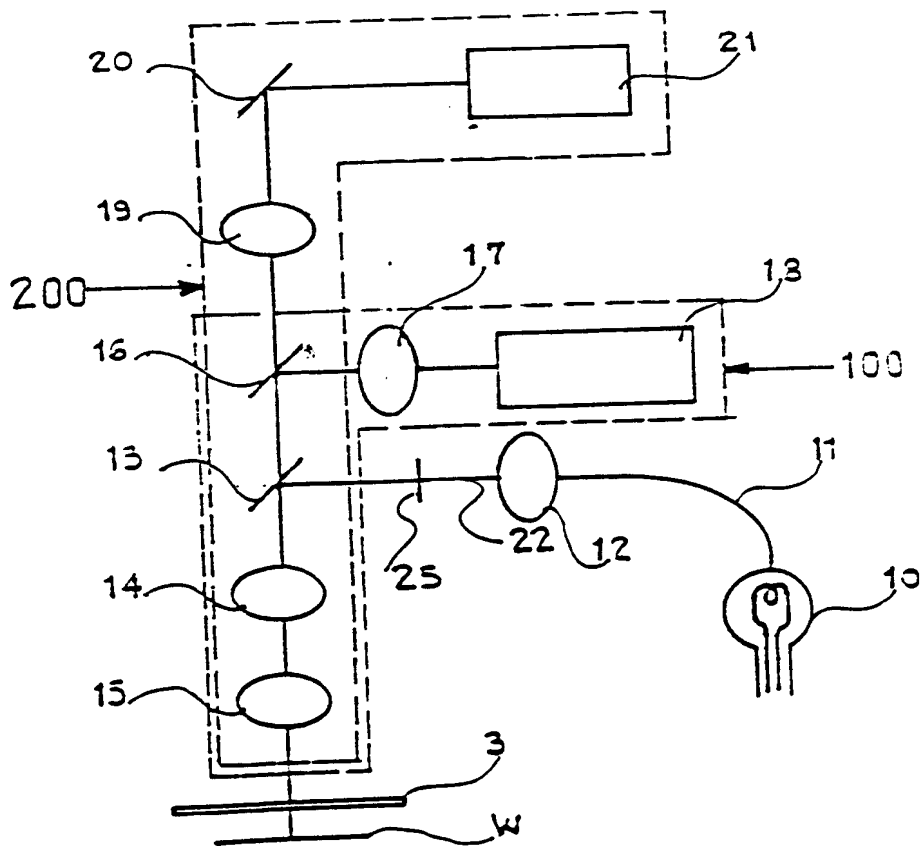


FIGURE 2

09/20/2000 09:07:53

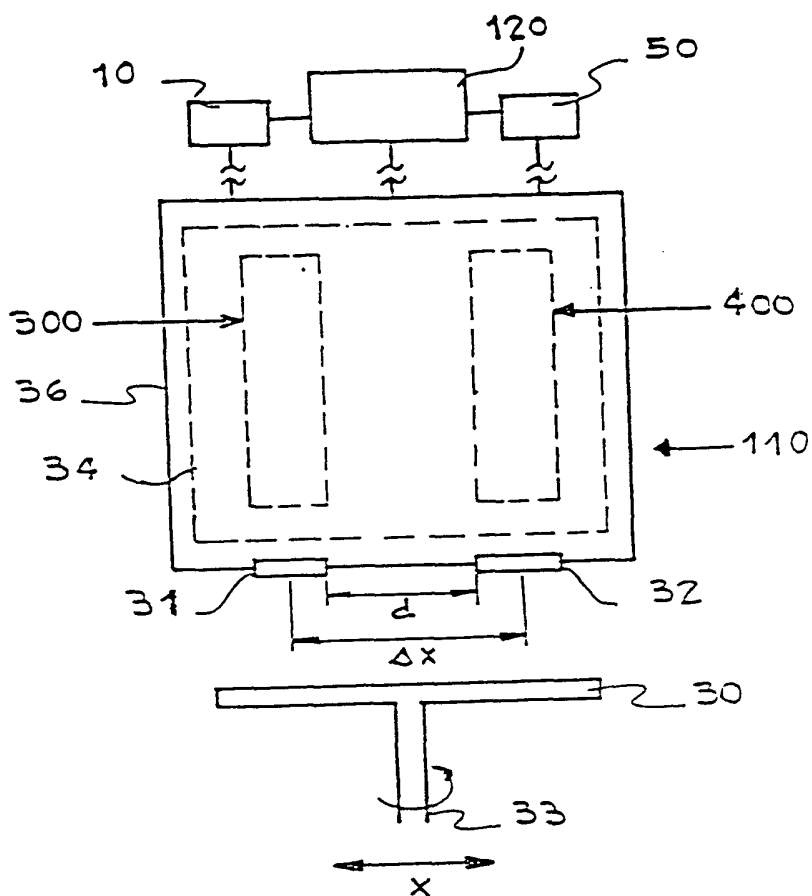


FIGURE 3a

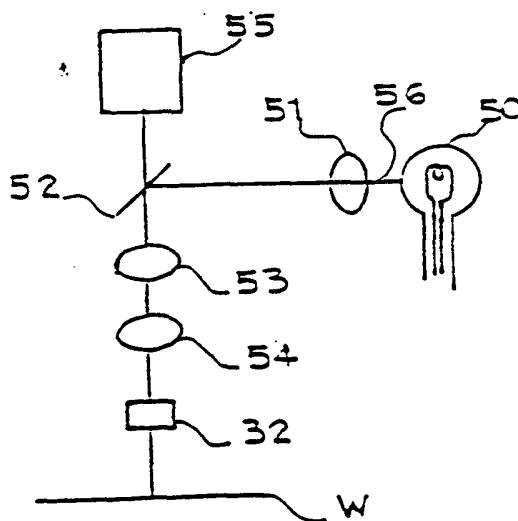


FIGURE 3b

Diagram illustrating a central octagonal structure (60) surrounded by eight square elements (61). A central circle with four arrows pointing towards the octagon's vertices is shown. One of the squares (61) contains a smaller square (65) within a rectangular frame (62).

Diagram illustrating a rectangular container 70. A vertical partition 71 is located on the right side. Arrows indicate a flow path: down the left side, right along the bottom, and up along the right side. A wavy line 72 is shown above the right side of the container.

FIGURE 5b

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graph TD
    Start([New Wafer is placed on supporting plate]) --> PositioningChannel[The wafer is located under positioning channel]
    PositioningChannel --> Positioning[Positioning]
    RecipePrep[Recipe Preparation] --> Positioning
    Positioning --> OpticalWindow[Site to be measured is under optical window of positioning]
    OpticalWindow --> Decision1{Is measuring conducted by similar spectral range?}
    Decision1 -- YES --> Measuring[Measuring]
    Measuring --> Decision2{Is the same site to be measured by the other optical channel (which is not the positioning channel)?}
    Decision2 -- YES --> Decision1
    Decision2 -- NO --> Decision3{Are all sites Measured?}
    Decision1 -- NO --> OtherChannel[The Wafer is located under the optical window of the other optical channel]
    OtherChannel --> Measurement[Measurement]
    Measurement --> Decision3
    Decision3 -- YES --> PostProcessing[(post) data processing]
    PostProcessing --> ProcessEquipment[Process equipment]
    ProcessEquipment --> Released[Wafer is released]
    Released --> Start
    Decision3 -- NO --> Start

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FIGURE 6

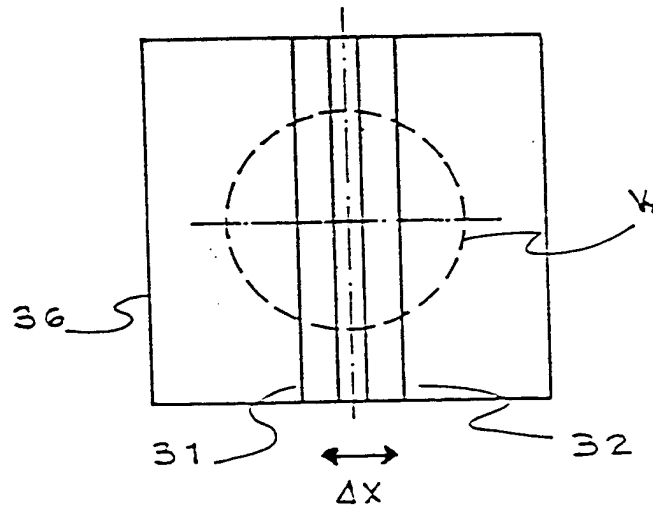


FIGURE 7a

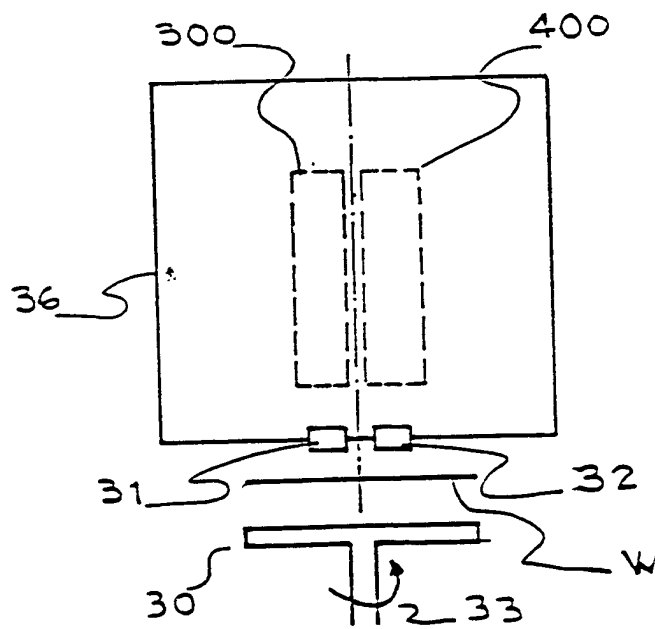


FIGURE 7b

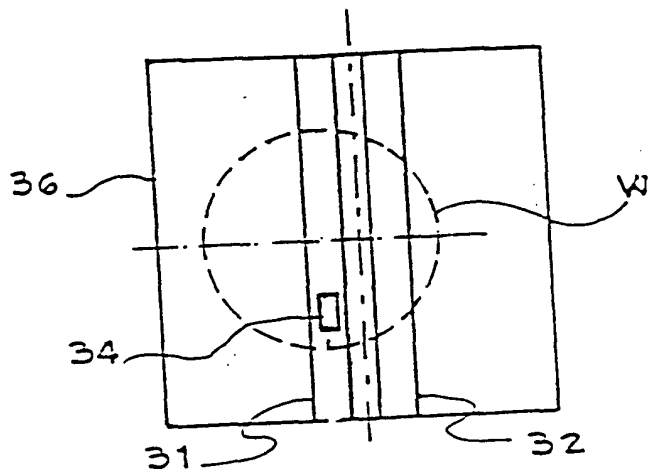


FIGURE 8a

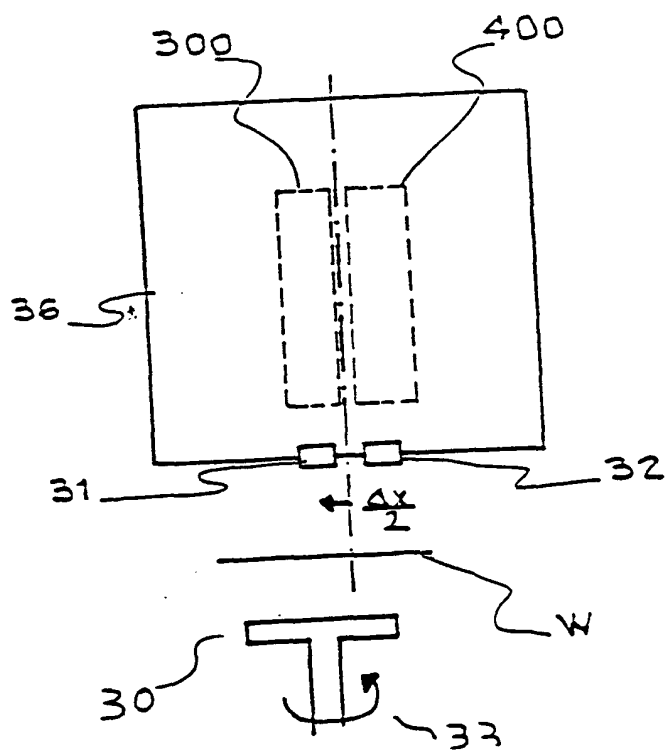


FIGURE 8b

0002/0' 65/03060

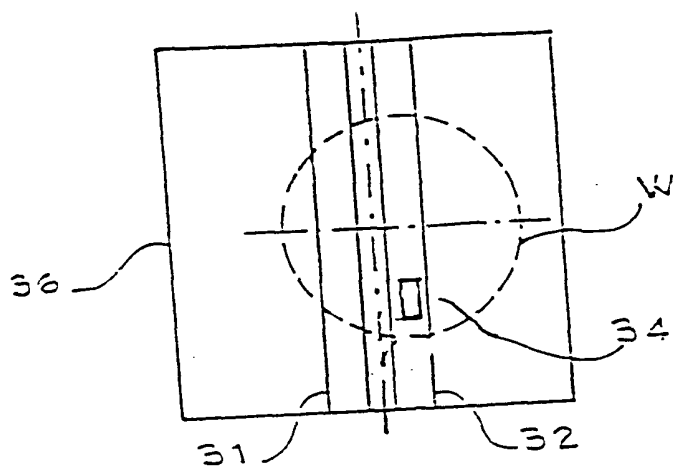


FIGURE 9a

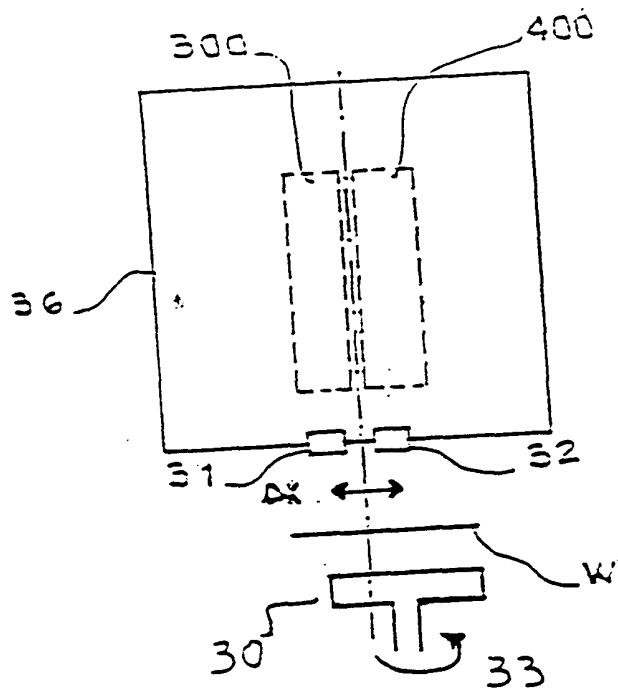


FIGURE 9b

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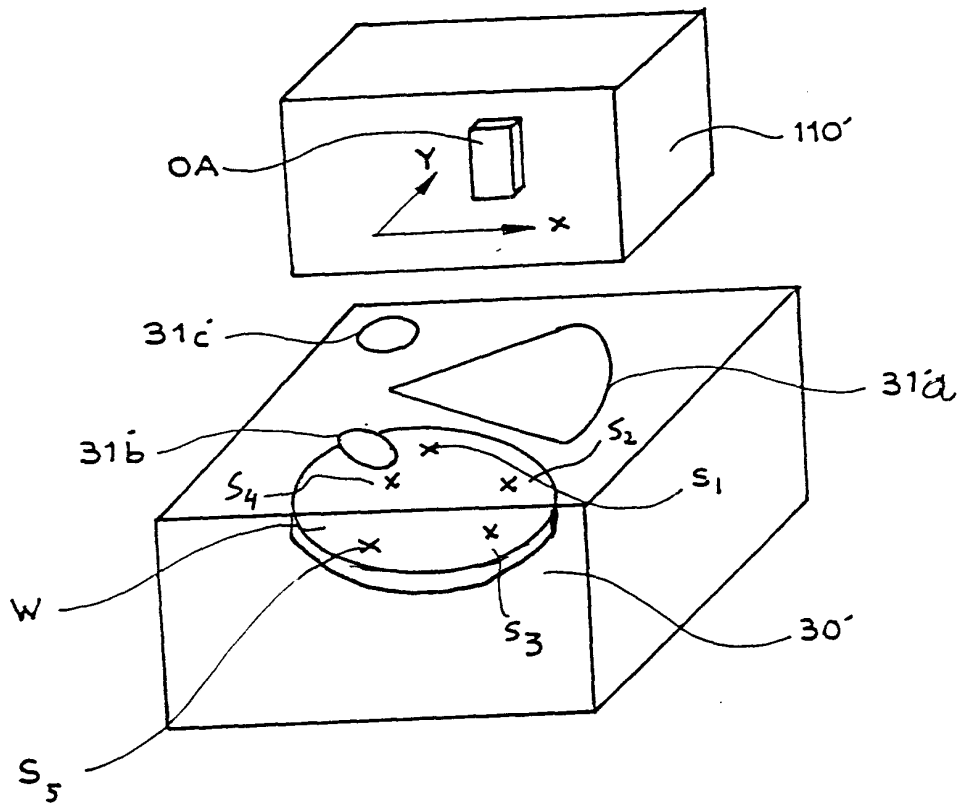


Fig 10 A

000220" 66292360

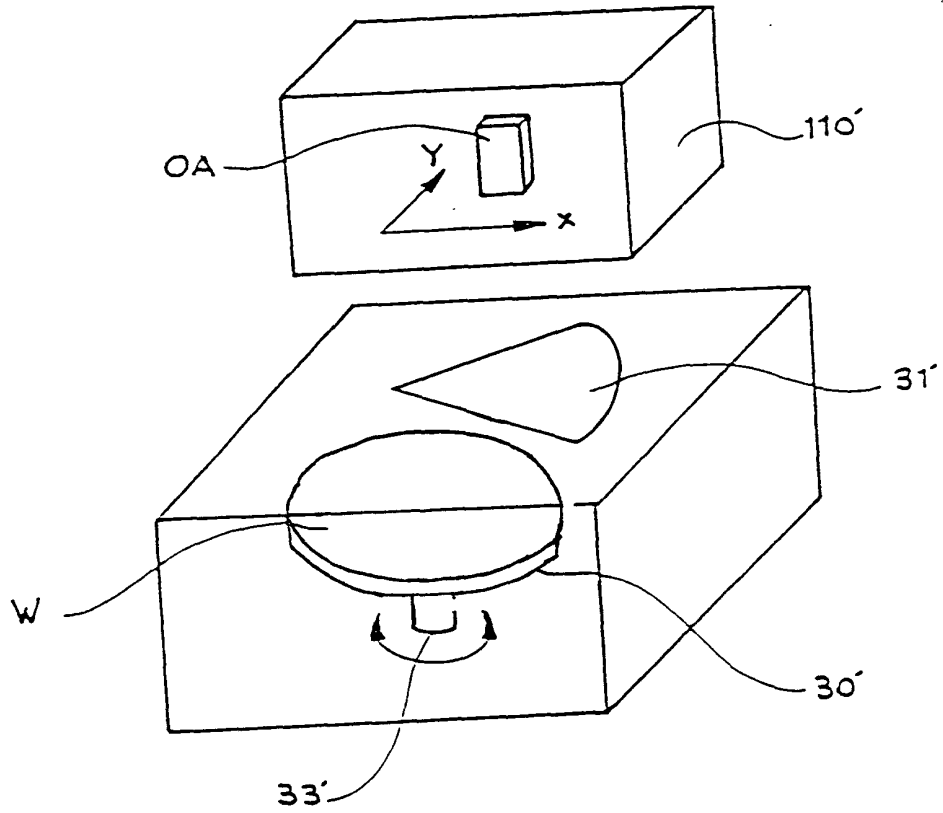


Fig 10 B

090279.072600

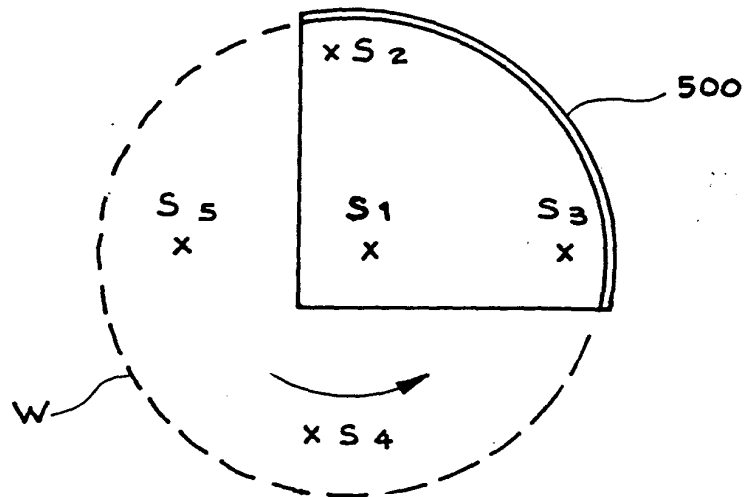


Fig 11

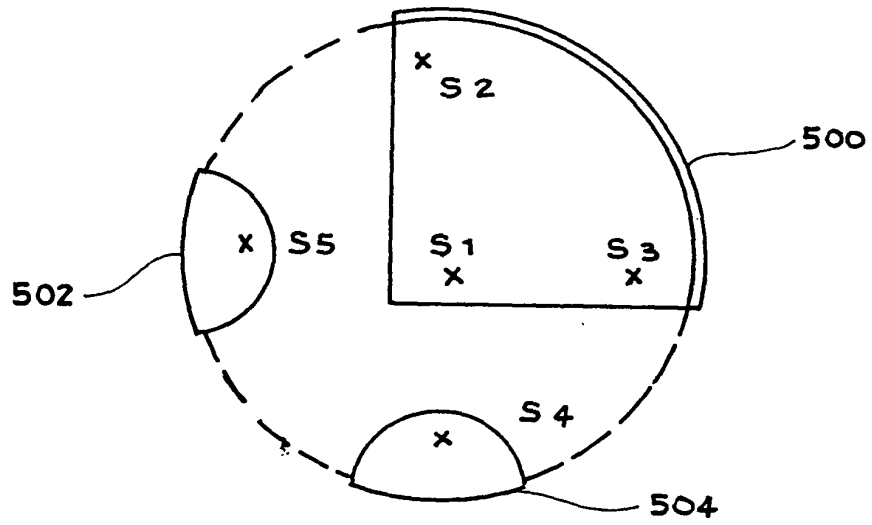


Fig 12

Diagram of a circular structure 508. The structure consists of a central vertical strip 508a and a surrounding ring 508b. The ring 508b is divided into eight segments labeled S1 through S8. The central strip 508a is divided into three segments labeled S1, S2, and S3. The segments are separated by gaps labeled x. The width of the ring is labeled w.

Fig 14